



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 15, 2015

Terrie Moore, Ph.D.
Regulatory Affairs Manager
Bayer Environmental Science
A Division of Bayer CropScience LP
P.O. Box 12014
Research Triangle Park, NC 27709

Subject: Label Notification per PRN 98-10 – Addition of marketing pictures and other minor label changes
Product Name: Sencor 75% Turf Herbicide
EPA Registration Number: 432-1469
Application Date: December 15, 2014
Decision Number: 498643

Dear Dr. Moore:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

If you have any questions, you may contact Deirdre Sunderland at (703)603-0851 or via email at sunderland.deirdre@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Mindy Ondish".

Mindy Ondish
Acting Product Manager 25
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

SENCOR[®] 75% Turf Herbicide

• Editorial Note – Marketing claim positioned here

For control of certain broadleaf and grass weeds in turf.

Editorial Note – [Bracketed text] is optional

ACTIVE INGREDIENT:

Metribuzin, 4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4*H*)-one 75%

INERT OTHER INGREDIENTS: 25%

TOTAL: 100%

EPA Reg. No. 432-1469

EPA Est. No. **3125-MO-004**

**STOP - READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN**

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

**For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-800-331-2867**

FIRST AID	
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a SENCOR [®] 75% Turf Herbicide container or label with you when calling a poison control center or doctor, or going for treatment.	
Note To Physician: Treat patient symptomatically. Obtain prompt medical aid if poisoning should occur.	
Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by breathing difficulties and sedation.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

Personal Protective Equipment:

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical-resistant gloves made out of any water-proof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

NOTIFICATION

432-1469

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

01/15/2015

USER SAFETY RECOMMENDATIONS

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Do not contaminate feed or food. Keep out of reach of children.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

GROUND WATER ADVISORY: Metribuzin is a chemical which can travel (seep or leach) through soil and can contaminate ground water which may be used as drinking water. Metribuzin has been found in ground water as a result of agricultural use. Users are advised not to apply metribuzin where the water table (ground water) is close to the surface, and where the soils are very permeable, i.e., well drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

MIXING: Fill the spray tank 1/4 to 1/3 full with clean water and add SENCOR 75% Turf Herbicide at the ~~prescribed~~ **recommended** rate. Mix thoroughly and add water to fill spray tank. Maintain sufficient agitation during mixing and spraying operations to insure a uniform spray mixture.

It is essential that the sprayer be accurately calibrated before applying SENCOR 75% Turf Herbicide. Avoid boom-overlaps that will increase dosages above those ~~prescribed~~ **recommended**. Check the sprayer frequently during application to be sure it is working properly and delivering a uniform spray pattern.

SPRAYER CLEANUP : Spray equipment must be thoroughly cleaned to remove remaining traces of herbicide that might injure other areas to be sprayed. Drain any remaining spray solution of SENCOR 75% Turf Herbicide from the spray tank and discard in non-crop areas away from water supplies. Rinse the spray tank and refill with water, adding a heavy-duty detergent at the rate of one cup per 20 gallons of water. Recycle this mixture through the equipment for 5 minutes and spray out. Repeat this procedure twice. Fill the spray tank with clean water, recycle for 5 minutes, and spray out. Clean pump and nozzle screens thoroughly. Wash away any spray mixture from the outside of spray tank, nozzles or spray rig.

GENERAL USE PRECAUTIONS AND RESTRICTIONS

Do not enter or allow others to enter treated area until sprays have dried. Applications ~~must~~ **should** not be made to dormant turf in the transitional Bermudagrass growing zones which can be expected to be adversely affected by cold weather stress.

Low-pressure and high-volume hand-wand equipment is prohibited.

Apply no more than 2 pounds SENCOR 75% Turf Herbicide (1.5 pounds active ingredient) per acre in a single growing season. Apply no more than 1 time to dormant turf and 2 times to actively growing turf in a single growing season.

Avoid spray overlaps that will increase dosages above those listed.

Do not apply aerially.

Apply only to established Bermudagrass turf which has a mowing height of one-half inch or greater. Do not apply to greens, tees, aprons, or other areas of closely mowed turf.

Do not apply within the root zone area of ornamentals, shrubs, or trees as phytotoxicity may occur.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Delay mowing treated areas for at least 3 days for maximum weed control. For best results, delay mowing until after rainfall or irrigation is received. Grass clippings cannot be used for animal feed.

When applying SENCOR 75% Turf Herbicide to actively growing turf, use the lower rate in areas where soil pH is greater than 7.5.

Do not use on crops grown for food or forage.

Do not allow sprays to drift onto adjacent desirable plants.

Do not apply this product through any type of irrigation system.

NOTE: Not for use on turf or plants being grown for sale or commercial use, or for commercial seed production or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamentals gardens or parks, or on golf courses or lawns and grounds.

Observe all cautions and limitations on labeling of all products used in mixtures.

BERMUDAGRASS TURF (Established):

SENCOR 75% Turf Herbicide is intended for application by commercial applicators only on established Bermudagrass turf (such as parks, athletic fields, golf course fairways and cemeteries) which has a mowing height of one-half inch or greater. (See "General Use Precautions and Restrictions" for area of use).

WEEDS CONTROLLED (Dormant Turf)	
SENCOR 75% Turf Herbicide, applied according to directions when weeds are present and actively growing in Bermudagrass turf, will effectively control:	
BROADLEAF WEEDS (EXCEPT CALIFORNIA)	
Alkali mallow (<i>a. sida</i>)	Nettleleaf goosefoot
Bedstraw	Parsley-piert
Carolina geranium	Prostrate knotweed
Carpetweed	Red deadnettle
Common chickweed	Silversheath knotweed
Corn speedwell	Shepherdspurge
Henbit	Small flowered buttercup
Hop clover	Spotted spurge
Spotted bur clover	Spur weed
White clover	Wild mustard
London rocket	
BROADLEAF WEEDS (CALIFORNIA ONLY)	
Alkali mallow (<i>a. sida</i>)	Nettleleaf goosefoot
Carpetweed	Shepherdspurge
Common chickweed	Wild mustard
London rocket	

WEEDS CONTROLLED (Actively Growing Turf)	
SENCOR 75% Turf Herbicide, applied to actively growing Bermudagrass turf according to directions, will effectively control:	
GRASS WEEDS	
Annual bluegrass (<i>Poa annua</i>)	Littleseed canarygrass
	Rabbitfootgrass
Goosegrass (Except California)	

APPLICATION INSTRUCTIONS	
ESTABLISHED BERMUDAGRASS TURF (which has a mowing height of one-half inch or greater)	
POUNDS SENCOR 75% TURF HERBICIDE	Remarks
2/3	DORMANT TURF: Apply specified dosage in 40 gallons of water per acre as a uniform broadcast spray prior to green up of turf. See " General Use Precautions and Restrictions" prior to using this product on turf.
1/3 to 2/3	ACTIVELY GROWING TURF: Apply specified dosage in 40 gallons of water per acre as a uniform broadcast spray. Application must should be made only when turf is vigorously growing and not under stress conditions. Repeat if necessary, but do not apply closer than 1 week intervals. Do not make more than 2 applications to actively growing turf per season. Applications may result in temporary discoloration which turf soon outgrows. See " General Use Precautions and Restrictions" prior to using this product on turf.

Other Weeds Controlled:

SENCOR 75% Turf Herbicide, tank mixed with MSMA and applied to actively growing bermudagrass turf according to directions will effectively control:

- Barnyardgrass
- Common yellow woodsorrel
- Crabgrass
- Dallisgrass
- Nutsedge
- Sandbur

For control of these weeds, apply SENCOR 75% Turf Herbicide as directed above and use as a tank mix with MSMA. Consult the MSMA label or contact your local turf extension specialist for additional directions, rates, weed species controlled, and precautions.

STORAGE AND DISPOSAL
<p>Do not contaminate water, food, or feed by storage or disposal.</p> <p>Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.</p> <p>Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer CropScience Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer CropScience Emergency Response Telephone No. is 1-800-334-7577.</p> <p>Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.</p> <p>Container Handling Disposal: Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.</p>

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury or ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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PRODUCED FOR



Bayer Environmental Science

A **BUSINESS-GROUP DIVISION** OF BAYER CROPSCIENCE LP
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SENCOR 75% Turf Herbicide (PENDING) 12/10/2014, 12/15/2014, 01/13/2015

[Optional Marketing Claims:]

Pictures:

